STANDARDS TEST FIXTURE

Hip Prosthesis Endurance Fixture ISO 7206-4

Endurance test fixture for stemmed femoral components of hip prostheses to ISO 7206-4



OVERVIEW

Special fixture for determining the endurance properties of stemmed femoral components of partial and total hip joint prostheses according to ISO 7206-4. The stem is embedded in a pot holder to ISO 7206 Fig. 2 and set at the required angle on a T-slot base, then loaded cyclically by the testing machine up to 30 kN.

KEY FEATURES

- Designed for hip stem endurance tests according to ISO 7206-4
- Pot holder to ISO 7206, Fig. 2 for embedded stems
- Angle-adjustable clamp with scale for setting the stem orientation
- T-slot base plate for secure positioning
- Rated for loads up to 30 kN
- Suitable for servo-hydraulic and other dynamic testing machines

TECHNICAL SPECIFICATIONS

Max. load	30 kN
Test type	Dynamic endurance (fatigue)
Standard	ISO 7206-4
Specimen	Stemmed femoral components
Specimen holder	Pot holder to ISO 7206, Fig. 2
Base	T-slot plate (from photo)
Coupling	On request
Material	On request

APPLICATIONS

- Orthopedic implant development
- Hip stem fatigue testing
- Medical device certification
- Implant manufacturer QC

STANDARDS ISO 7206-4

Ordering & customization: Specify stem size, required test angle, the machine coupling and dynamic load range.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-ST-200